

## **IN THE CLAIMS**

The following Listing of Claims will replace all prior versions and listings of claims in the application:

**1 - 13.** (cancelled)

- 14.** (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 1 to the surface of the botanical subject.
- 15.** (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 2 to the surface of the botanical subject.
- 16.** (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 6 to the surface of the botanical subject.
- 17.** (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 7 to the surface of the botanical subject.
- 18.** (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 1 to the surface of the inanimate object.
- 19.** (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 2 to the surface of the inanimate object.
- 20.** (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 6 to the surface of the inanimate object.
- 21.** (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 7 to the surface of the inanimate object.
- 22 - 34.** (cancelled)

35. (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 22 to the surface of the botanical subject.
36. (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 23 to the surface of the botanical subject.
37. (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 27 to the surface of the botanical subject.
38. (withdrawn) A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 28 to the surface of the botanical subject.
39. (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 22 to the surface of the inanimate object.
40. (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 23 to the surface of the inanimate object.
41. (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 27 to the surface of the inanimate object.
42. (withdrawn) A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 28 to the surface of the inanimate object.
43. (withdrawn) A sunscreen composition for topical application comprising physical radiation blocking agents, radiation absorbing agents, and hydrolysis products of organic materials, said organic materials further comprising at least 6 weight percent of unsaponifiable materials.
44. (withdrawn) The composition of claim 43 wherein said organic materials were pre-treated prior to hydrolysis, said pre-treatment selected from the group of treatments consisting of alkoxylation, polymerization, acetylation, oxidation, reduction, concentration, hydrogenation, partial hydrogenation, interesterification, double bond modification, randomization, and refinement.

45. (withdrawn) The composition of claim 44 wherein said pre-treated organic materials further comprises extracts selected from the group consisting of amaranth seed oil, anise seed oil, avocado seed oil, barley oil, briza oil, buckwheat oil, candelilla wax, carnuba wax, cassia occidentalis oil, coffee bean oil, deoiled lecithin, dog fish oil, esparto wax, oils from fungi and other microorganisms, guayule plant extract, jojoba oil, jurenea oil, lanolin, laurel berry oil, olestra (olean), olive oil concentrate (phytosqualene), olive seed oil, orange roughy oil, ouricury wax, quinoa seed oil, rye germ oil, shark liver oil, shea butter, sperm whale oil, sugar cane wax, sunflower wax, tall oil, tall oil distillate, Vegepure from wheat grains, and wheat germ oil.

46. (withdrawn) The composition of claim 43 comprising at least 20% by weight of unsaponifiables.

47. (withdrawn) The composition of claim 44 comprising at least 20% by weight of unsaponifiables.

48. (currently amended) A composition comprising jojoba-derived material for providing substantive benefits to the skin of an animal subject, said composition comprising having 10% - 55% (wt./wt.) non-polar unsaponifiables fraction and a 45% - 90% (wt./wt.) polar hydrophilic salts fraction, wherein said non-polar unsaponifiable fraction and said polar hydrophilic salt fraction total 100% of said jojoba-derived material, and wherein said jojoba-derived material that respectively corresponds to the tandem reaction products of saponification of jojoba oil starting material having, wherein said jojoba oil comprises about 45% unsaponifiables material (wt./wt. of jojoba oil) prior to saponification.

49. (currently amended) The composition of claim 48, wherein: said jojoba oil starting material is pre-treated prior to saponification; and the method of pre-treatment comprises at least one of: alkoxylation, polymerization, acetylation, oxidation, reduction, concentration, hydrogenation, partial hydrogenation, interesterification, double bond modification, randomization and refinement.

50. (cancelled)

51. (cancelled)

52. (cancelled)

53. (currently amended) The composition of claim 48, wherein said composition comprises an further comprising at least one additional ingredient in at least one of a(n) selected from the group consisting of: emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellents, animal repellents, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.

54. (cancelled)

55. (cancelled)

56. (cancelled)

57. (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the steps of applying the composition of claim 48 to at least one of the hair, skin, scales and feathers of the animal subject.

58. (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the step of applying the composition of claim 49 to at least one of the hair, skin, scales and feathers of the animal subject.

59. (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the step of applying the composition of claim 53 to at least one of the hair, skin, scales, and feathers of the animal subject.

60. (cancelled)

61. (currently amended) A composition comprising jojoba-derived material for providing substantive benefits to the skin of an animal subject, said composition comprising having 10% - 55% (wt./wt.) non-polar unsaponifiables fraction and a 45% - 90% (wt./wt.) polar hydrophilic salts fraction, wherein said non-polar unsaponifiable fraction and said polar hydrophilic salt fraction total 100% of said jojoba-derived material, and wherein said jojoba-derived material that respectively corresponds to the tandem reaction products of saponification of jojoba oil starting material having

wherein said jojoba oil comprises about 45% (wt./wt. of jojoba oil) of long chain carbon material (wt./wt.) that varies between 18 and 24 carbons in length prior to saponification.

**62.** (currently amended) The composition of claim **61**, wherein:  
said jojoba oil starting material is pre-treated prior to saponification; and the method of pre-treatment comprises at least one of: alkoxylation, polymerization, acetylation, oxidation, reduction, concentration, hydrogenation, partial hydrogenation, interesterification, double bond modification, randomization and refinement.

**63.** (cancelled)

**64.** (cancelled)

**65.** (cancelled)

**66.** (currently amended) The composition of claim **61**, wherein said composition comprises an further comprising at least one additional ingredient in at least one of a(n) selected from the group consisting of: emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellents, animal repellents, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.

**67.** (cancelled)

**68.** (cancelled)

**69.** (cancelled)

**70.** (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the step of applying the composition of claim **61** to at least one of the hair, skin, scales and feathers of the animal subject.

71. (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the step of applying the composition of claim 62 to at least one of the hair, skin, scales and feathers of the animal subject.
72. (previously presented) A method of providing substantive benefits to an animal subject, said method comprising the step of applying the composition of claim 66 to at least one of the hair, skin, scales and feathers of the animal subject.
73. (cancelled)